



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1419  
 Alexandria, Virginia 22304-1419  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2899

SERIAL NUMBER 10/699,386	FILING DATE 10/31/2003  RULE	CLASS 375	GROUP ART UNIT 2634	ATTORNEY DOCKET NO. 873.0130.U1(US)		
<b>APPLICANTS</b>  Mohammad Jaber Borran, Irving, TX;  Prabodh Varshney, Coppell, TX; Jorma Lilleberg, Oulu, FINLAND;						
** CONTINUING DATA ..... <i>NA</i>						
** FOREIGN APPLICATIONS ..... <i>NA</i>						
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/03/2004						
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged	Examiner's Signature <i>[Signature]</i>	Initials <i>[Initials]</i>	STATE OR COUNTRY TX	SHEETS DRAWING 5	TOTAL CLAIMS 3	INDEPENDENT CLAIMS 6
<b>ADDRESS</b> 29683 HARRINGTON & SMITH, LLP 4 RESEARCH DRIVE SHELTON, CT 06484-6212						
<b>TITLE</b> Multiple-antenna partially coherent constellations for multi-carrier systems						
FILING FEE  RECEIVED 1248	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )		